

Espacenet

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SEMICONDUCTOR DEVICE CONSISTING OF CYLINDRICAL MULTILAYER STRUCTURE

Publication date: 2003-03-20 inventor(s): AWANO YUJI >

Applicant(s):

Classification:

FUJITSU LTD +

H01L29/06; H01L29/78; H01L29/786; (IPC1-7): H01L29/06;

international: H01L29/78; H01L29/786

- European:

Application number:

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Priority

number(s):

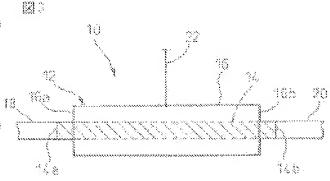
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Also published as:

JP 4225716 (BØ)

Abstract of JP 2003086796 (A)

PROBLEM TO SE SOLVED: To provide a semiconductor device which effectively suppresses a shed channel effect in high speed operation, high thequency committee and large corners driving, etc. are made possible. SOUTON: Related to a dylingrical multilayer structura 12 constring of parbon element, an inner cylindrical body 14 hac a semponancies believior, and an outer cylindrical tiony 18 has a metallic behavior. A asmiconductor device 10 community the multilayer stouching 15, and the erectist conductivity of the inner cylindrical body. 14 of the multilayer characters 12 is controlled by the voltage applied to the outer cylindrical body 16. For thet auropase constructors 18 and 20 commented to the paris of the leater cylindrical body 14, opposite to each other with the outer cylindrical body 16 authenween. and a means 22 for applying voltage to the outer sylindrical body 16, e/e provided.



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